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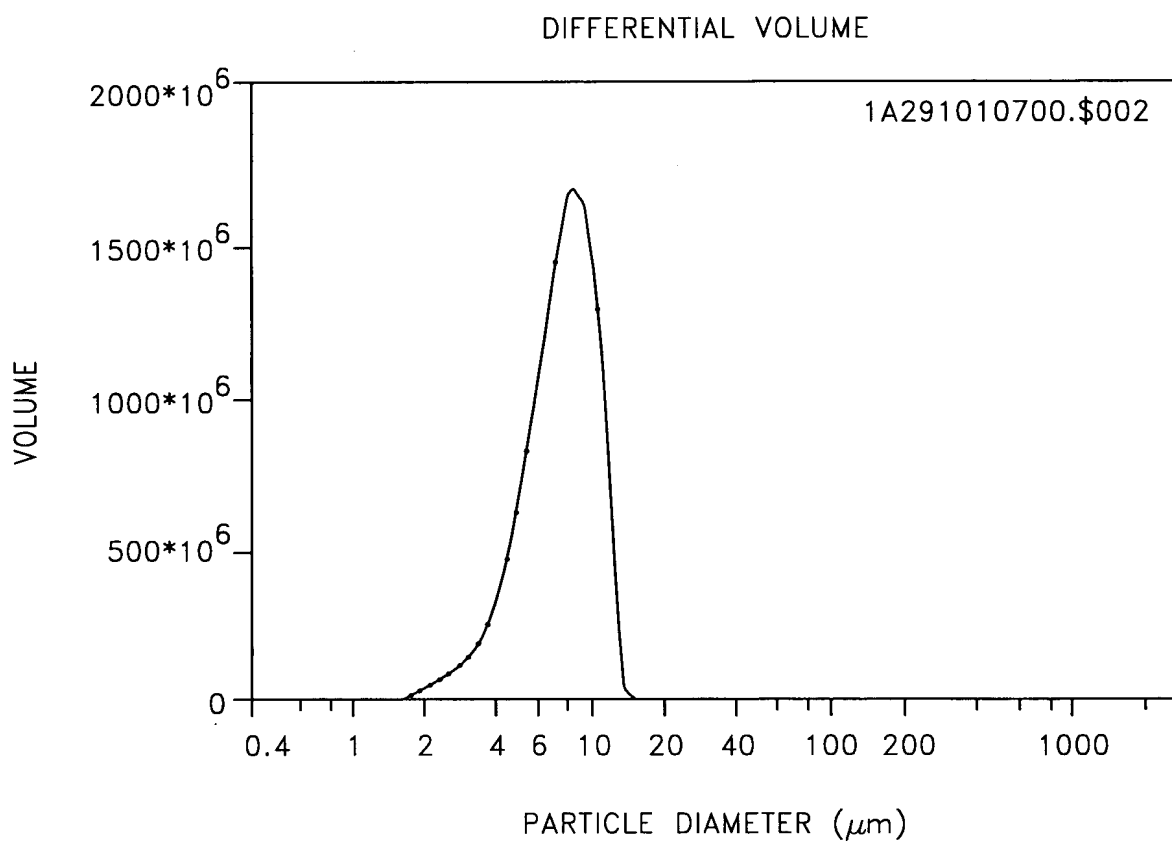


FIG. 1



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PERCENT CONVERSION OF PALLADIUM - 5
HOUR PROFILE

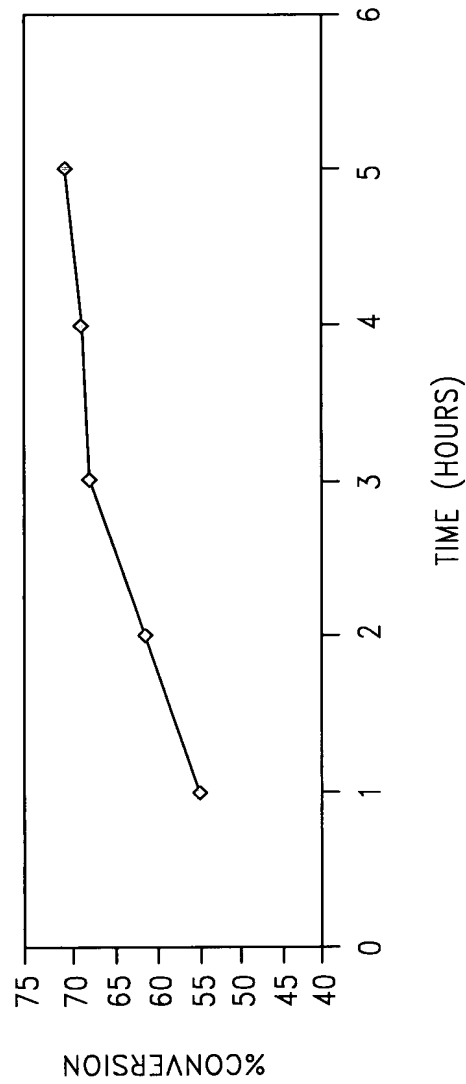


FIG. 2

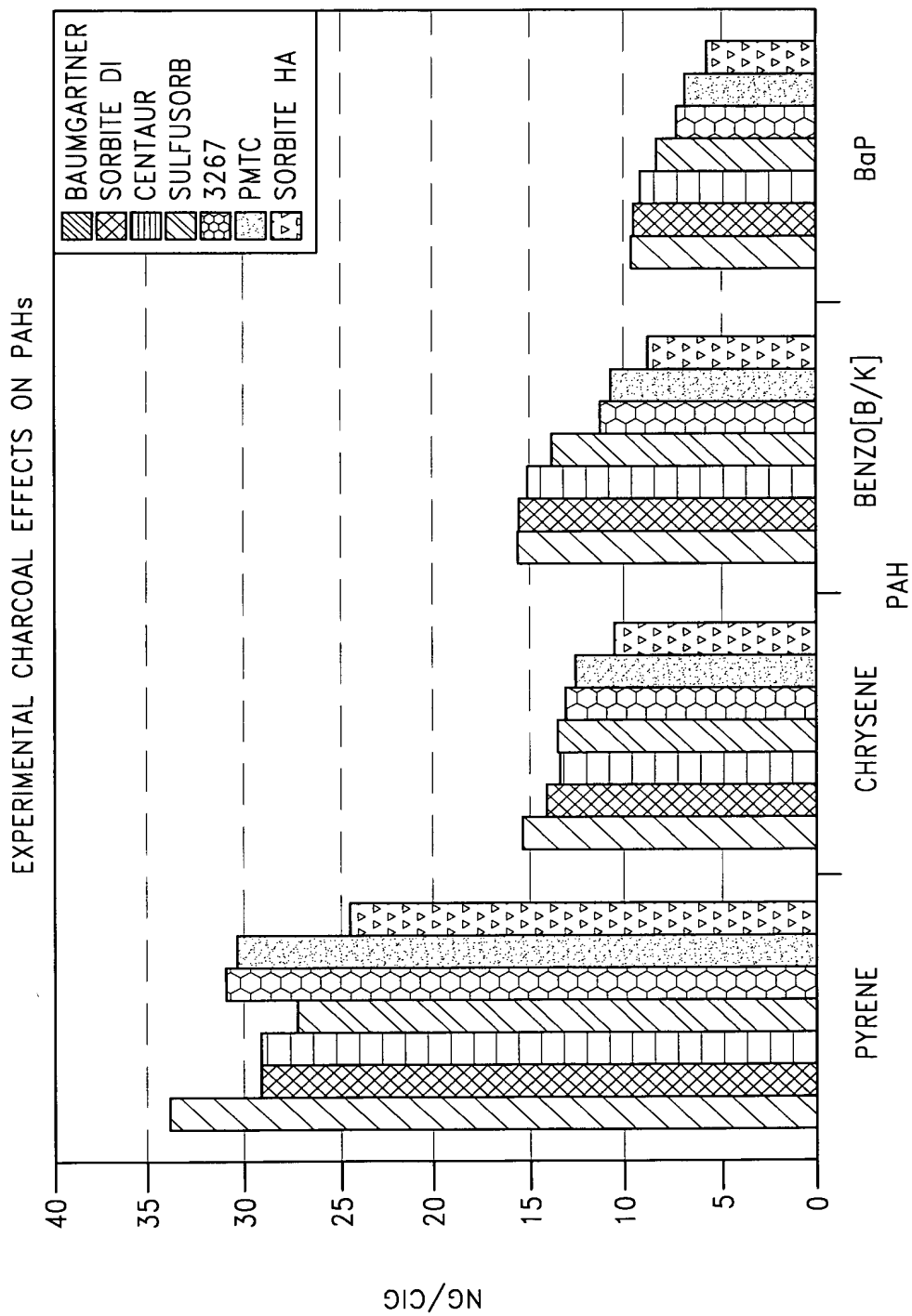
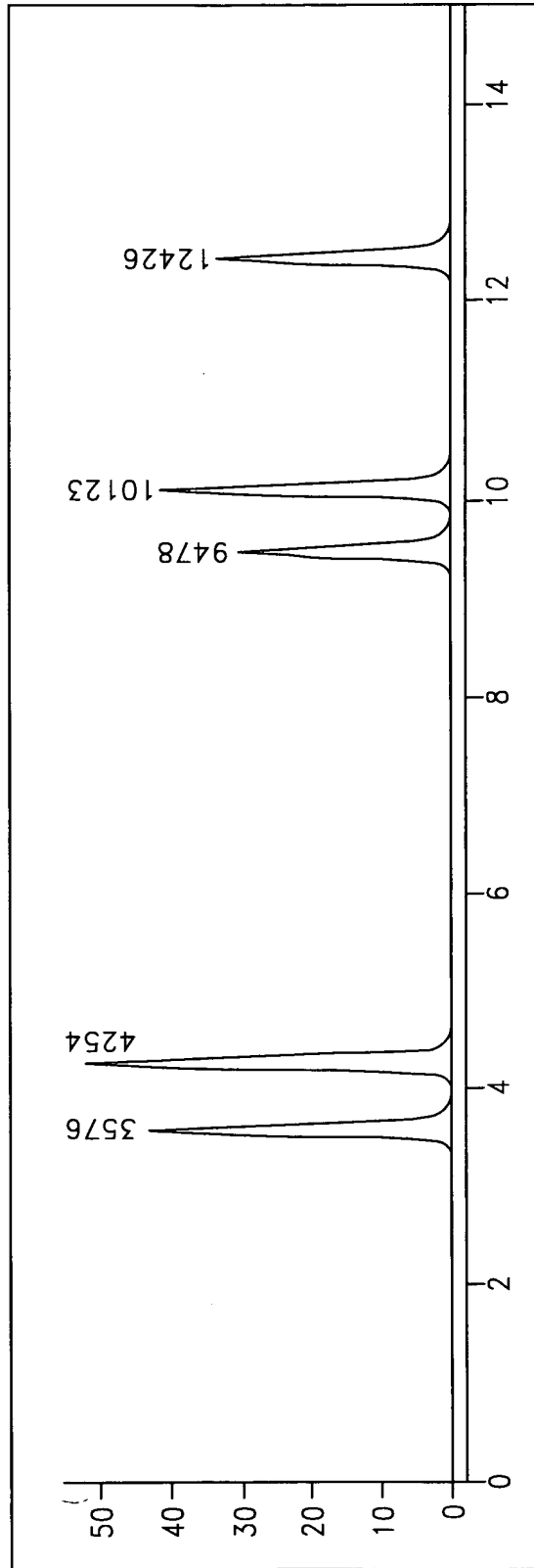


FIG.3



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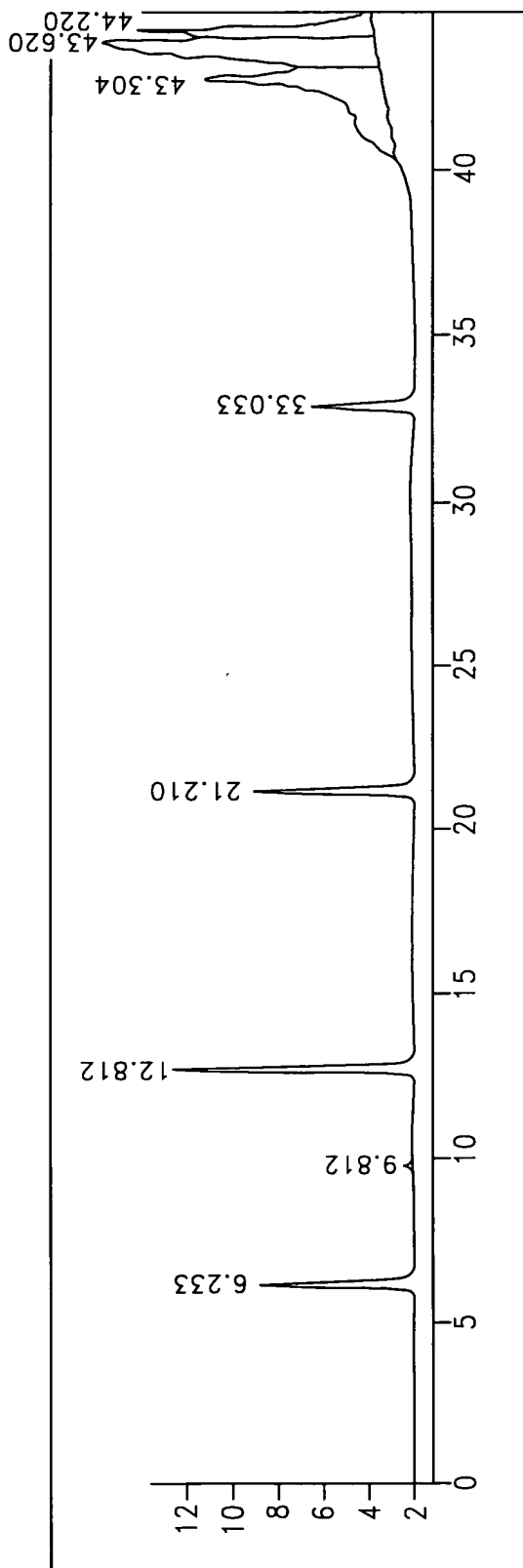


HPLC SPECTRUM OF STANDARDS, FROM LEFT TO RIGHT: 1,6-DIAMINOPYRENE, 1,8-DIAMINOPYRENE, 4-AMINOPYRENE, 1-AMINOPYRENE AND 6-AMINOCRYSENE

FIG. 4

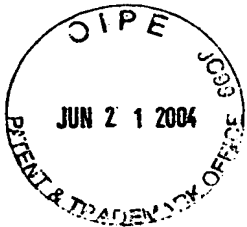


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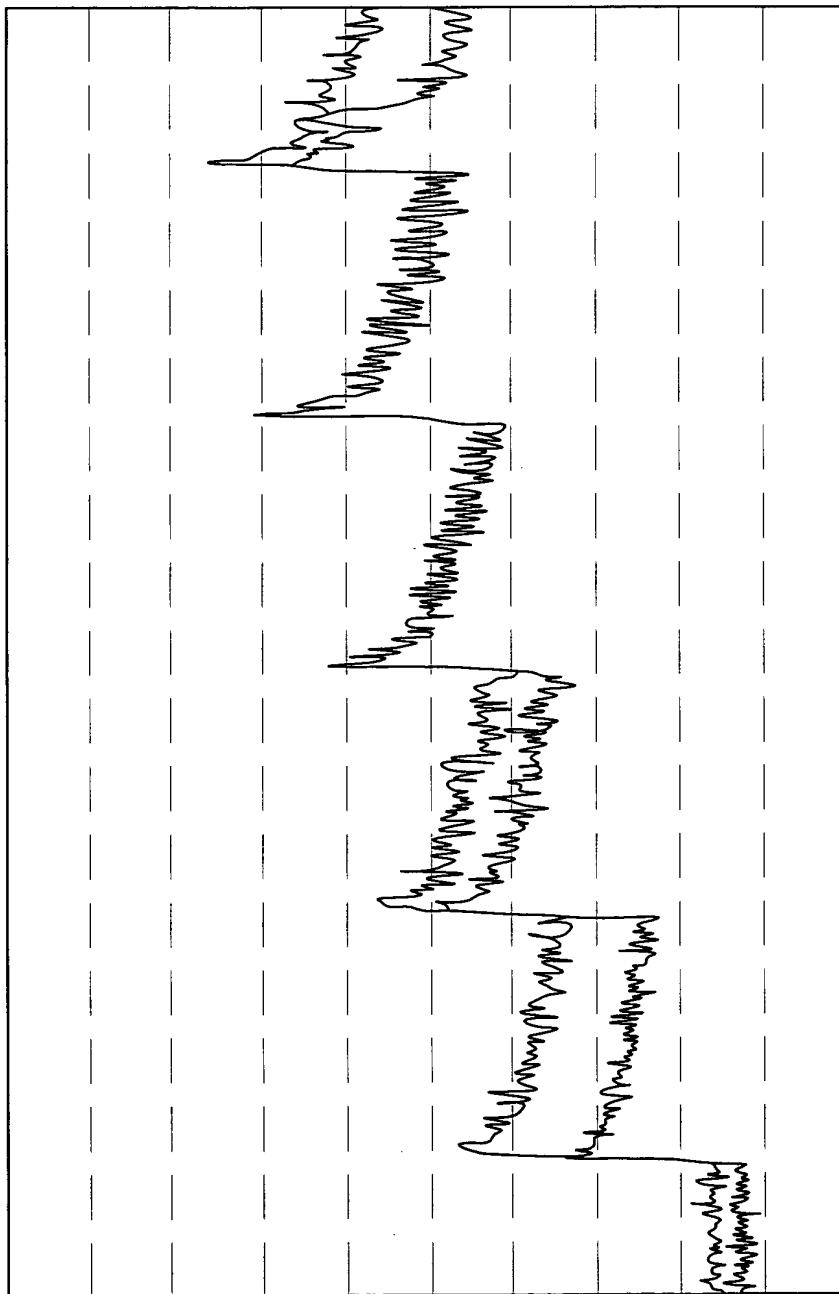
PEAKS FROM LEFT TO RIGHT; HYDROQUINONE, RESORCINOL, CATECHOL, PHENOL, O-CRESOL

FIG. 5



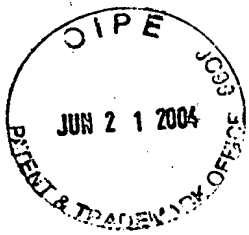
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FOLLOWING THE VOLATILE LEVEL INCREASE ON A PER PUFF BASIS



PUFFS

FIG. 6



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CAVIFLEX GAS PHASE REMOVAL EFFICIENCY VERSUS WEIGHT OF ACTIVE CARBON
(ACTIVE CARBON 208C WITH SEMOLINA)

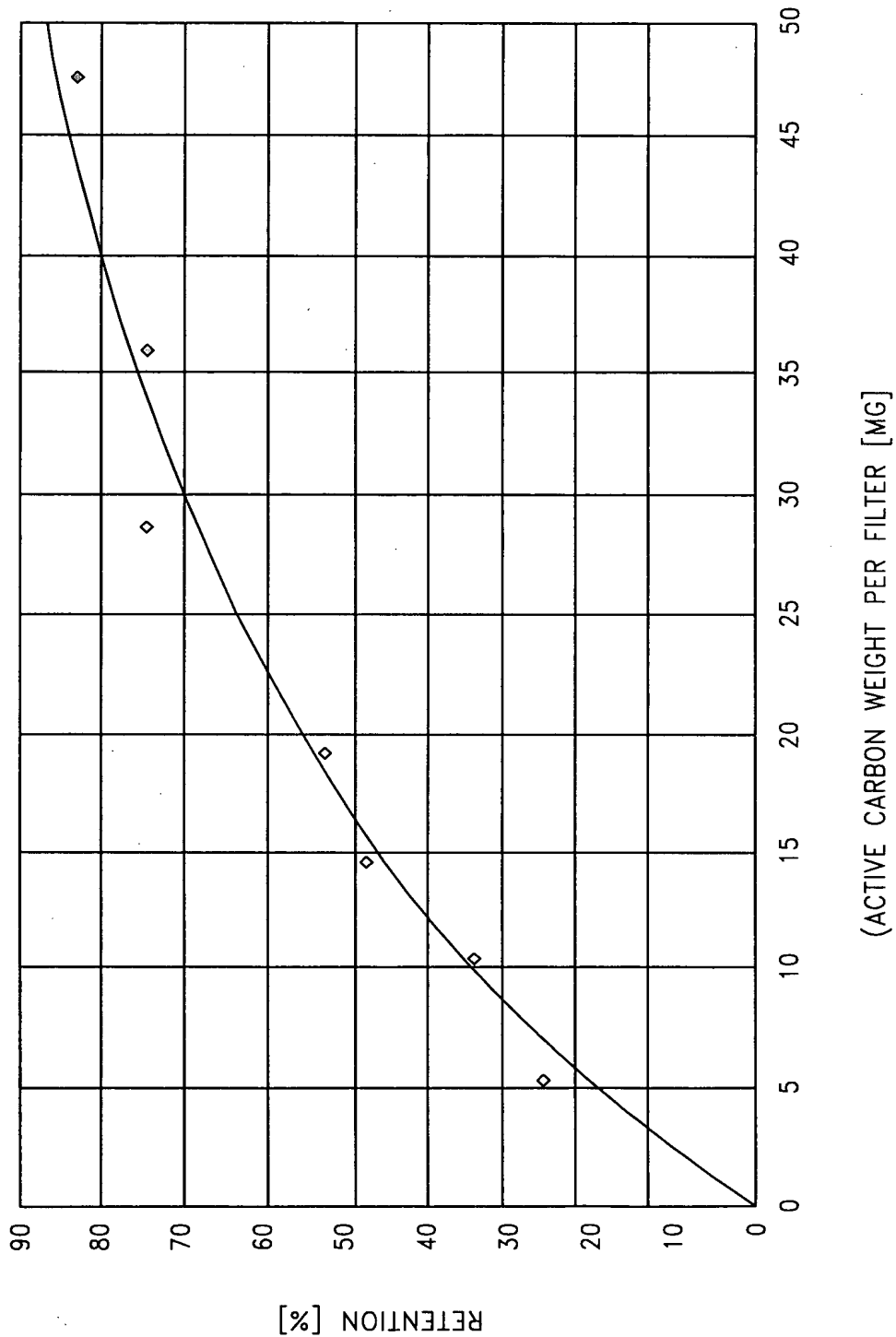


FIG. 7



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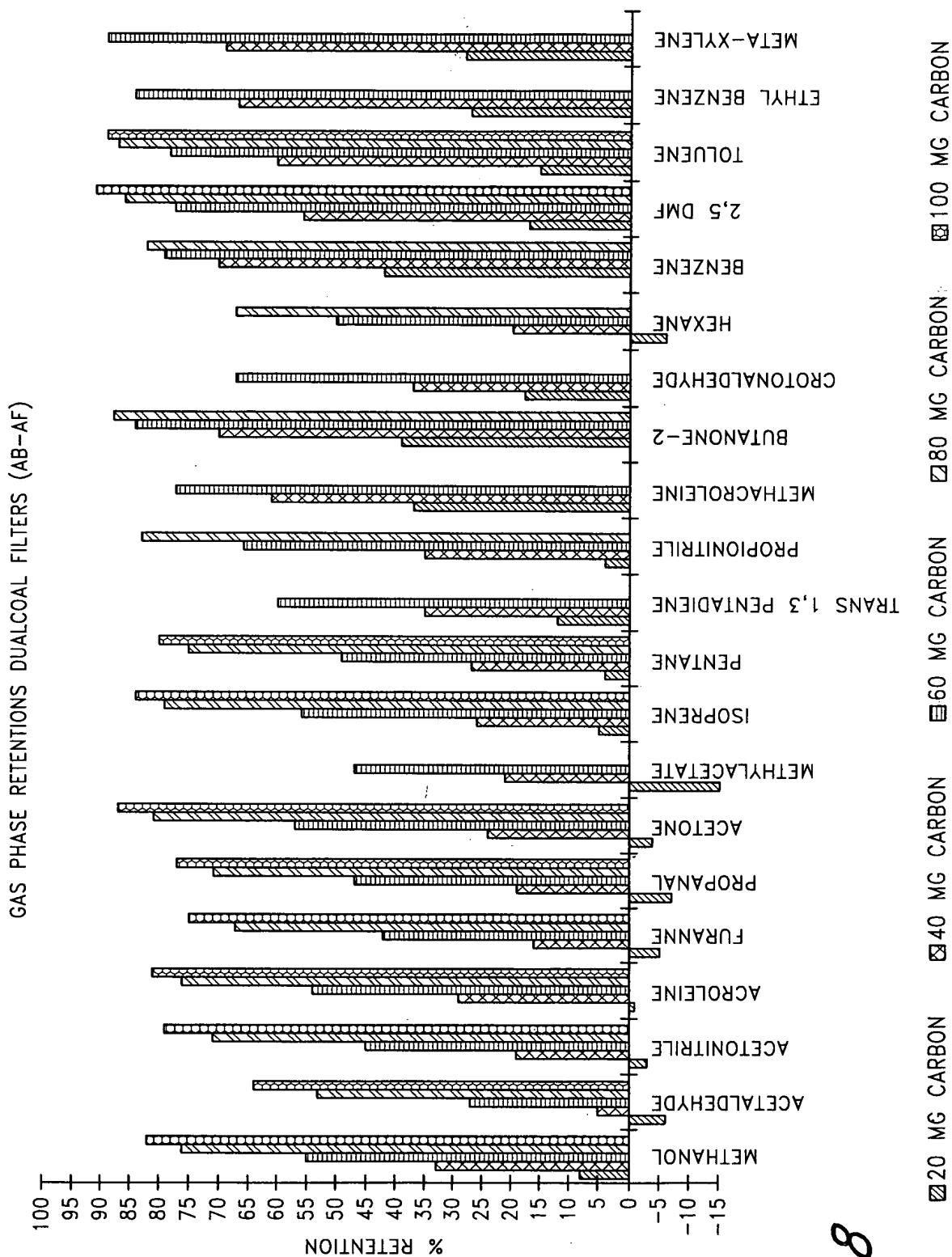
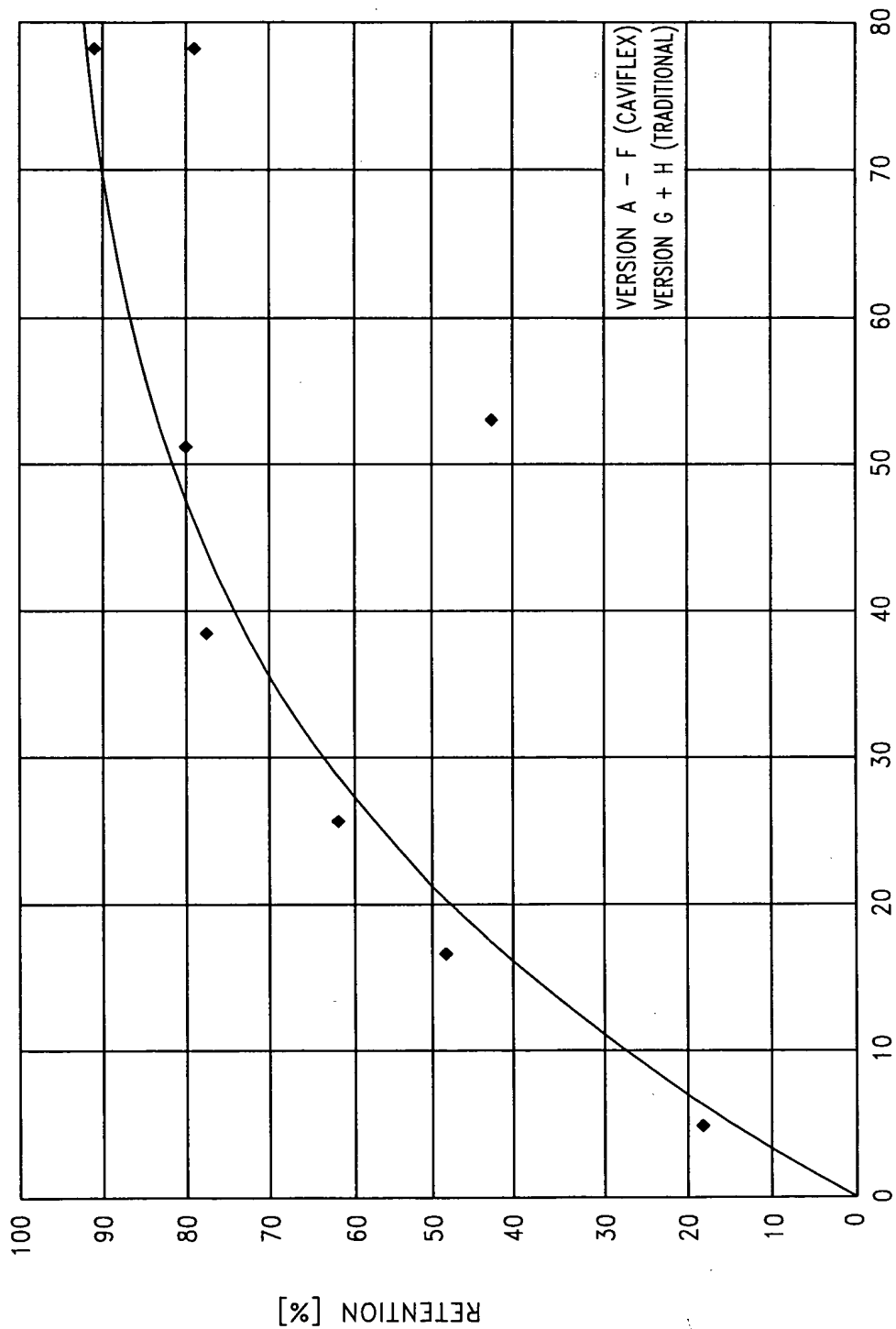


FIG. 8



CAVIFLEX GAS PHASE REMOVAL EFFICIENCY VERSUS WEIGHT OF ACTIVE CARBON
(ACTIVE CARBON BR255 WITH INERT CARBON)



(ACTIVE CARBON WEIGHT PER FILTER [MG])

FIG. 9